



July 19, 2019

Tom Parker
Bayles Lake HOA
26W044 Prairie Ave
Wheaton, IL 60187

RE: BAYLES_LAKE

Dear Tom Parker:

Please find enclosed the analytical results for the **7** sample(s) the laboratory received on **7/8/19 2:20 pm** and logged in under work order **9071271**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lgrant@pdclab.com.

Sincerely,

A handwritten signature in cursive script that reads "Janet Clutters".

Janet Clutters
Project Manager
(309) 692-9688 x1743
jclutters@pdclab.com





ANALYTICAL RESULTS

Sample: 9071271-01
Name: Golf Course Road
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:15
Received: 07/08/19 14:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Microbiology - PIA									
Fecal coliform bacteria	20.9	MPN/100mL		07/08/19 14:55	1	1.0	07/08/19 14:55	HAW	SM 9223B - QT*
Nutrients - PIA									
Ammonia-N	0.79	mg/L		07/12/19 09:07	1	0.10	07/12/19 09:07	CJP	EPA 350.1
Nitrate/Nitrite-N	0.27	mg/L	Q3	07/10/19 11:10	1	0.020	07/10/19 11:10	PMN	SM 4500-NO3 F*
Phosphorus - total as P	0.35	mg/L		07/15/19 12:25	1	0.10	07/17/19 10:18	CJP	SM 4500-P F*
Semivolatile Organics - PIA									
Hexachlorocyclopentadiene	< 0.50	ug/L	Xb	07/09/19 08:37	1	0.50	07/09/19 19:48	PSB	EPA 525.2
Propachlor	< 0.50	ug/L	Xb	07/09/19 08:37	1	0.50	07/09/19 19:48	PSB	EPA 525.2
Hexachlorobenzene	< 0.10	ug/L	Xb	07/09/19 08:37	1	0.10	07/09/19 19:48	PSB	EPA 525.2
Simazine	< 0.35	ug/L	Xb	07/09/19 08:37	1	0.35	07/09/19 19:48	PSB	EPA 525.2
Atrazine	4.0	ug/L	Xb	07/09/19 08:37	1	0.30	07/09/19 19:48	PSB	EPA 525.2
gamma-BHC (Lindane)	< 0.10	ug/L	Xb	07/09/19 08:37	1	0.10	07/09/19 19:48	PSB	EPA 525.2
Alachlor	< 0.20	ug/L	Xb	07/09/19 08:37	1	0.20	07/09/19 19:48	PSB	EPA 525.2
Heptachlor	< 0.040	ug/L	Xb	07/09/19 08:37	1	0.040	07/09/19 19:48	PSB	EPA 525.2
Aldrin	< 0.050	ug/L	Xb	07/09/19 08:37	1	0.050	07/09/19 19:48	PSB	EPA 525.2
Heptachlor epoxide	< 0.020	ug/L	Xb	07/09/19 08:37	1	0.020	07/09/19 19:48	PSB	EPA 525.2
Toxaphene	< 1.0	ug/L	Xb	07/09/19 08:37	1	1.0	07/09/19 19:48	PSB	EPA 525.2
Dieldrin	< 0.050	ug/L	Xb	07/09/19 08:37	1	0.050	07/09/19 19:48	PSB	EPA 525.2
Endrin	< 0.10	ug/L	Xb	07/09/19 08:37	1	0.10	07/09/19 19:48	PSB	EPA 525.2
Bis(2-ethylhexyl) adipate	< 0.60	ug/L	Xb	07/09/19 08:37	1	0.60	07/09/19 19:48	PSB	EPA 525.2
Methoxychlor	< 0.10	ug/L	Xb	07/09/19 08:37	1	0.10	07/09/19 19:48	PSB	EPA 525.2
Bis(2-ethylhexyl) phthalate	< 1.8	ug/L	Xb	07/09/19 08:37	1	1.8	07/09/19 19:48	PSB	EPA 525.2
4,4'-DDT	< 1.0	ug/L	Xb	07/09/19 08:37	1	1.0	07/09/19 19:48	PSB	EPA 525.2
Aroclors - Total	< 0.10	ug/L	Xb	07/09/19 08:37	1	0.10	07/09/19 19:48	PSB	EPA 525.2
Chlordane (technical)	< 0.20	ug/L	Xb	07/09/19 08:37	1	0.20	07/09/19 19:48	PSB	EPA 525.2



ANALYTICAL RESULTS

Sample: 9071271-02
Name: Golf Course Inlet
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:21
Received: 07/08/19 14:20

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, etc.).



ANALYTICAL RESULTS

Sample: 9071271-03
Name: West Buoy
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:27
Received: 07/08/19 14:20

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, etc.).



ANALYTICAL RESULTS

Sample: 9071271-04
Name: 1216 Sunset
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:37
Received: 07/08/19 14:20

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, etc.).



ANALYTICAL RESULTS

Sample: 9071271-05
Name: Buoy East Inlet
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:51
Received: 07/08/19 14:20

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, etc.).



ANALYTICAL RESULTS

Sample: 9071271-06
Name: West Inlet/Pacey
Matrix: Surface Water - Grab

Sampled: 07/08/19 09:59
Received: 07/08/19 14:20

Table with 10 columns: Parameter, Result, Unit, Qualifier, Prepared, Dilution, MRL, Analyzed, Analyst, Method. Rows include Microbiology (Fecal coliform bacteria), Nutrients (Ammonia-N, Nitrate/Nitrite-N, Phosphorus), and Semivolatile Organics (Hexachlorocyclopentadiene, Propachlor, Hexachlorobenzene, etc.).



ANALYTICAL RESULTS

Sample: 9071271-07
 Name: Spillway
 Matrix: Surface Water - Grab

Sampled: 07/08/19 10:14
 Received: 07/08/19 14:20

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Microbiology - PIA									
Fecal coliform bacteria	5.2	MPN/100mL		07/08/19 14:55	1	1.0	07/08/19 14:55	HAW	SM 9223B - QT*
Nutrients - PIA									
Ammonia-N	< 0.10	mg/L		07/12/19 09:18	1	0.10	07/12/19 09:18	CJP	EPA 350.1
Nitrate/Nitrite-N	< 0.020	mg/L		07/10/19 12:36	1	0.020	07/10/19 12:36	PMN	SM 4500-NO3 F*
Phosphorus - total as P	0.13	mg/L		07/15/19 12:25	1	0.10	07/17/19 10:36	CJP	SM 4500-P F*
Semivolatile Organics - PIA									
Hexachlorocyclopentadiene	< 0.50	ug/L	X	07/11/19 08:40	1	0.50	07/11/19 17:54	PSB	EPA 525.2
Propachlor	< 0.50	ug/L	X	07/11/19 08:40	1	0.50	07/11/19 17:54	PSB	EPA 525.2
Hexachlorobenzene	< 0.10	ug/L	X	07/11/19 08:40	1	0.10	07/11/19 17:54	PSB	EPA 525.2
Simazine	< 0.35	ug/L	X	07/11/19 08:40	1	0.35	07/11/19 17:54	PSB	EPA 525.2
Atrazine	0.55	ug/L	X	07/11/19 08:40	1	0.30	07/11/19 17:54	PSB	EPA 525.2
gamma-BHC (Lindane)	< 0.10	ug/L	X	07/11/19 08:40	1	0.10	07/11/19 17:54	PSB	EPA 525.2
Alachlor	< 0.20	ug/L	X	07/11/19 08:40	1	0.20	07/11/19 17:54	PSB	EPA 525.2
Heptachlor	< 0.040	ug/L	X	07/11/19 08:40	1	0.040	07/11/19 17:54	PSB	EPA 525.2
Aldrin	< 0.050	ug/L	X	07/11/19 08:40	1	0.050	07/11/19 17:54	PSB	EPA 525.2
Heptachlor epoxide	< 0.020	ug/L	X	07/11/19 08:40	1	0.020	07/11/19 17:54	PSB	EPA 525.2
Toxaphene	< 1.0	ug/L	X	07/11/19 08:40	1	1.0	07/11/19 17:54	PSB	EPA 525.2
Dieldrin	< 0.050	ug/L	X	07/11/19 08:40	1	0.050	07/11/19 17:54	PSB	EPA 525.2
Endrin	< 0.10	ug/L	X	07/11/19 08:40	1	0.10	07/11/19 17:54	PSB	EPA 525.2
Bis(2-ethylhexyl) adipate	< 0.60	ug/L	X	07/11/19 08:40	1	0.60	07/11/19 17:54	PSB	EPA 525.2
Methoxychlor	< 0.10	ug/L	X	07/11/19 08:40	1	0.10	07/11/19 17:54	PSB	EPA 525.2
Bis(2-ethylhexyl) phthalate	< 1.8	ug/L	X	07/11/19 08:40	1	1.8	07/11/19 17:54	PSB	EPA 525.2
4,4'-DDT	< 1.0	ug/L	X	07/11/19 08:40	1	1.0	07/11/19 17:54	PSB	EPA 525.2
Aroclors - Total	< 0.10	ug/L	X	07/11/19 08:40	1	0.10	07/11/19 17:54	PSB	EPA 525.2
Chlordane (technical)	< 0.20	ug/L	X	07/11/19 08:40	1	0.20	07/11/19 17:54	PSB	EPA 525.2



NOTES

Specific method revisions used for analysis are available upon request.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314 W Crystal Lake Road A, McHenry, IL 60050

TNI Accreditation for Drinking Water, Wastewater, Fields of Testing through IL EPA Lab No. 100279

Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230

Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Hazardous/Solid Waste Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPIL - Springfield, IL - 1210 Capitol Airport Drive, Springfield, IL 62707

TNI Accreditation through IL EPA Lab No. 100323

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807

USEPA DMR-QA Program

STL - St. Louis, MO - 3278 N Highway 67, Florissant, MO 63033

TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389

TNI Accreditation for Wastewater, Hazardous, and Solid Waste Analysis through IL EPA No. 200080

Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050

Missouri Department of Natural Resources

Microbiological Laboratory Service for Drinking Water

Qualifiers

- F Internal standard area failed to meet the required acceptance criteria in repeat instrumental analyses. Results should be interpreted as estimated concentrations.
- Q1 Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q2 Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- Q3 Matrix Spike/Matrix Spike Duplicate both failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
- X X - Sample has a high surrogate recovery with a reportable hit > MRL. The surrogate failure could not be confirmed by re-extraction due to matrix complications. The high surrogate recovery and Atrazine hit are in line with historical data for this site.
- Xa X - Sample has a high surrogate recovery with a reportable hit >MRL. The surrogate failure could not be confirmed by re-extraction due to matrix complications. The high surrogate recovery and Atrazine detect are in line with historical data for this site.
- Xb X - Surrogate failure due to matrix interference. This is consistent with historical data for this matrix.



Certified by: Kurt Stepping For Janet Clutters, Project Manager

CHAIN OF CUSTODY RECORD

PDC LABORATORIES, INC.
 2231 WEST ALTORFER DRIVE
 PEORIA, IL 61615

PHONE # 800-752-6651
 FAX # 309-692-9689

State where samples collected _____

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT) - (SAMPLE A CCEPTANCE POLICY ON REVERSE)

1 CLIENT		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY)	
PROJECT NUMBER	P.O. NUMBER	MEANS SHIPPED	DATE SHIPPED	LOGIN #	LOGGED BY:
PHONE NUMBER	FAX NUMBER	MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WSL-SLUDGE MS-SOLID LCHT-LEACHATE OTHER:	DATE COLLECTED	LAB PROJ. #	TEMPLATE:
DATE COLLECTED	TIME COLLECTED	SAMPLES/CONTAINER	MATRIX TYPE	PROJ. MGR.:	REMARKS
1 Bayles Lake Homeowners Association 105 Northshore Dr. Peoria, IL 61615 Alan Lee		3		4 910 71271-1 Alan Lee	
2 SAMPLE DESCRIPTION AS YOU WANT ON REPORT		DATE COLLECTED TIME COLLECTED		REMARKS	
Golf Course Road		7/8/19 0915			
Golf Course Inlet		7/8/19 0921			
West Buoy		7/8/19 0927			
1216 SUNSET		7/8/19 0937			
Buoy East Inlet		7/8/19 0951			
West Inlet/Pacey		7/8/19 0959			
Spillway		7/8/19 1014			
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) (RUSH FEE IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) FAX		RUSH RESULTS NEEDED DATE RESULTS NEEDED		6 The sample temperature will be measured upon receipt at the lab. By initiating this area you request that the lab notify you, before proceeding with analysis, if the sample temperature is outside of the range of 0.1-6.0°C. By not initiating this area you allow the lab to proceed with analytical testing regardless of the sample temperature.	
7 RELINQUISHED BY: (SIGNATURE) Alan Lee		RECEIVED BY: (SIGNATURE) Alan Lee		8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT: 14 °C CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE BOTTLES FILLED WITH ADEQUATE VOLUME SAMPLES RECEIVED WITHIN HOLD TIME(S) (EXCLUDES TYPICAL FIELD PARAMETERS) DATE AND TIME TAKEN FROM SAMPLE BOTTLE	

Copies: white should accompany samples to PDC Labs. Yellow copy to be retained by the client.